



Material Content Data Sheet



Halogen-Free

Sales Product Name 2EDL05I06PJ

Issued

08. April 2022

MA# MA005583741

Package PG-DSO-14-70

Weight*

138.26 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.952	0.69	0.69	6887	6887
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		104	
	non noble metal	zinc	7440-66-6	0.057	0.04		416	
	non noble metal	iron	7439-89-6	1.150	0.83		8314	
	non noble metal	copper	7440-50-8	46.675	33.76	34.64	337590	346424
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.085	0.06	0.06	616	622
encapsulation	organic material	carbon black	1333-86-4	0.349	0.25		2524	
	plastics	epoxy resin	-	12.651	9.15		91504	
	inorganic material	silicondioxide	60676-86-0	74.249	53.70	63.10	537033	631061
leadfinish	non noble metal	tin	7440-31-5	1.226	0.89	0.89	8868	8868
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2217	2217
glue	plastics	acrylic resin	-	0.119	0.09		863	
	noble metal	silver	7440-22-4	0.423	0.31	0.40	3058	3921
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com